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## ARROWFIELD NURSERIES

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## PECAN TREES

FOR NORTHERN PLANTING

PETERSBURG, VIRGINIA



*Indiana Pecan Tree in our grove ten years old. Produced 16 pounds of choice nuts this season.*

PIONEERS IN THE PROPAGATION OF HARDY PECAN TREES FOR NORTHERN PLANTING. INTRODUCERS OF IMPORTANT NORTHERN VARIETIES OF PECANS AND GROWERS OF CHOICE THIN SHELLLED PECAN NUTS.

ARROWFIELD NURSERIES, PETERSBURG, VA.





## A WORD ABOUT OUR WORK

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THE production of Pecan trees that not only will be hardy, but will fruit and mature their fruit in northern climates, is a work to which we have devoted our time and energies for the past eighteen years. During this period we have introduced important northern varieties, conducted extensive experiments—growing over 200,000 stocks—made dilligent investigations by frequent personal visits to all the principal Pecan producing sections, covering every phase of the industry.

We have fruited in this latitude the leading northern and many southern varieties of Pecans, and have established a grove at Petersburg in which are many trees now coming into profitable bearing. We have developed methods of propagating Pecan trees under northern conditions, a work highly specialized and attended with many difficulties. The most rigid standards have always been observed. Those who set out Pecan trees now may have the benefit of our long experience and we believe it will pay prospective planters to learn about our trees and our methods of propagating and handling them.

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## ARROWFIELD NURSERIES

PETERSBURG, VIRGINIA



# PLANT PECAN TREES

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**C**OMBINING as it does the requisites of a shade and ornamental tree with the production of a valuable food material, the Pecan must be regarded as one of America's most valuable trees. It grows to immense size and lives for centuries. The area in which it may be grown extends from Iowa and Indiana on the North to the Gulf Coast on the South.

## IMPORTANT TO OBSERVE

The most important point to be observed in planting Pecan trees is the selection of varieties. A variety must be adapted to the locality in which it is to be grown. A certain Pecan may give excellent results in one locality and prove absolutely worthless in another. The medium to large-sized nut more often meets the demand. It is more certain in bearing and usually superior to the very large types in flavor, better in filling qualities and thinness of shell.

## A PROFITABLE INDUSTRY

The modern methods of propagating and cultivating Pecan trees and the introduction of varieties that come into bearing in six or eight years, has opened up a highly profitable industry which is rapidly becoming one of importance throughout the area in which the trees may be grown. Large orchards have been planted from Virginia to Texas, many of them now yielding enormous profits to their owners. There are young orchards in Virginia of 500 trees and over now coming into bearing and much larger orchards are being planned.

## DEMAND FOR NUTS

The production of nuts in this country is not keeping up with the demand. Nut importations into the United States increased from \$8,549,997 in 1909 to \$57,499,040 in 1919. Nuts are almost nonperishable. They do not have to be gathered and rushed to market.



*Reading from left to right—Stuart tree 12 years old. Indiana tree 8 years old. Busseron tree 10 years old. All in our grove at Petersburg bearing fine crops of choice pecans.*





# VALUE *of a* PECAN ORCHARD

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With young trees of adapted varieties now in bearing in the northern part of the Pecan area, it is easy to determine somewhat definitely the returns that may be expected. The



*The Pecan makes a beautiful lawn tree.*

trees begin to bear in four or five years. When they are 6 to 8 years old, they are producing 5 pounds of nuts or more per tree. At ten years old, yields of individual orchard trees are 16 pounds or more. With 17 trees to the acre, right varieties, properly cared for, at ten years of age should yield from 200 to 250 pounds of nuts per acre. On basis of prevailing wholesale prices this would mean a revenue of \$80 to \$100, giving the orchard a value of \$1200 to \$1600 per acre, figuring on 6 per cent returns. The ten year old Indiana tree, shown on the front page, bore 16 pounds of nuts this season and the eight year old tree shown on page 3, produced \$5.00 worth of nuts. These trees are growing on ordinary farm soil without any cultivation or fertilization other than that given to the field crops which are grown annually on the same land.

## AS SHADE AND ORNAMENTAL TREES

If there were no fruit to be had from the Pecan trees, its hardiness, its long life, its beautiful dark green foliage, its gray trunk and rugged branches, its wide-spreading, leafy top, would commend it for planting throughout the country wherever large, symmetrical trees are desired for shade or ornament. It is comparatively a rapid grower and grass will keep green up to the very trunk.

## SOILS AND CULTURE

The Pecan succeeds on a wide range of soils—sandy and clay, river-bottoms subject to overflow, flat woodlands, low hammocks and high sandy ridges of pine land. The land on which it grows must be well drained during the growing season. A good loamy soil with medium clay sub-soil is ideal for the Pecan.

The trees may be planted in late fall, early winter or spring. Properly handled they are easily and safely transplanted. In orchards they are usually set 50 feet apart each way, 17 trees to the acre. On lawns and along avenues they may be set closer.

No trees respond more promptly to good culture and fertilization. On lawns and gardens the weeds should be kept down around them. In fields the cultivation of farm crops is sufficient culture for the trees except an occasional hoeing around them when they are young. Farm and vegetable crops may be grown among them for many years as the roots go deep down into the earth and do not rob the surface soil of moisture and fertility.

# V A R I E T I E S

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**BUSSERON.**—Originated in Knox County, Indiana. A beautiful, rapid-growing tree; regular, heavy bearer. Nuts large-sized and of excellent quality. One of the best.

**BUTTERICK.**—Originated near Grayville, Illinois. Tree has been bearing for many years. Large fine form. A true “paper-shell” of high quality. Tree grows rapidly and bears early.

**GREENRIVER.**—A Henderson, Kentucky, variety. Nut medium-sized, thin-shelled and of fine quality. Tree a beautiful, rapid-growing specimen.

**INDIANA.**—Original tree grows a short distance from the Busseron. The young trees have an unusual number of terminals and bear nuts in large clusters. It is a regular, heavy bearer of thin-shelled, full-meated Pecans. Nut medium to large and of fine quality. One of the surest and best.

**NIBLACK.**—Another Knox Co., Ind., Pecan. Nut medium, shell thin, quality good, cracking quality excellent.

**POSEY.**—From Gibson County, Indiana. This is one of the largest of the northern Pecans and one of the best cracking Pecans in the country. The tree has beautiful foliage and is a rapid grower.

**SCHLEY.**—Originated in Mississippi not far from the site of the original Stuart tree, Not so prolific as some varieties but for quality of kernel is unsurpassed. The nuts are large, shells very thin, Not as hardy as Stuart, but some trees are succeeding as far North as southeastern Virginia.

**STUART.**—This is a Mississippi variety originating at Pascagoula on the Gulf of Mexico. Productive over a wide range of territory and the most largely planted of all Pecans. Succeeds as far North as eastern Virginia. Tree hardy, vigorous and regular bearer. Nuts large to very large.

**SUCCESS.**—This is another Mississippi Pecan originating in same locality as Schley and Stuart. Nuts large to very large, tree early and heavy bearer. One of latest to start into growth in the spring. Commended for planting in northern part of the area adapted to southern varieties.



*Stuart*



*Indiana*



*Busseron*



*Posey*





*Become the owner of a Pecan Grove like this.*

## OTHER NUT TREES

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**W**E can supply English Walnut trees budded and grafted on black walnut stocks. Also choice Black Walnut trees, budded and grafted, the nuts from which crack out 50 to 70 per cent whole halves.

## SERVICE DEPARTMENT

We offer Pecan planters the benefit of our long and extensive experience in this work. We are in position to be of service in advising as to soil, locality, varieties, care and culture; also as to topworking seedling trees and trees not of right varieties for the localities in which they are growing. We supply grafts and buds from our own bearing trees. We can furnish trees and, within certain area, attend to transplanting them. Write us in regard to this service and any other information desired concerning Pecan trees.

## LOCATION OF NURSERIES

Our Nurseries and Grove are located three miles North of Petersburg, Va., on the Richmond & Petersburg Turnpike, a link of the highway between Quebec and Miami, and are opposite Stop 52 on the inter-urban trolley line between Richmond and Petersburg. Visitors are always welcome. Persons interested in Nut Trees are especially invited to visit our grove.

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